



03-04-05

JPW 1631

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|---|---|-------------------------------|---------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | Application Number | 10/047,724 (Conf. # 5156) |
| | | Filing Date | January 15, 2002 |
| | | First Named Inventor | Dr. Vince Hilser |
| | | Group Art Unit | 1631 |
| | | Examiner Name | Ly, Cheyne D |
| Total Number of Pages in This Submission | 6 | Attorney Docket Number | HO-P02070US1 |

ENCLOSURES (check all that apply)

| | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement Supplemental <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below) Postcard IDS Citation by Applicant Check in the amount of \$180.00 References (6) |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

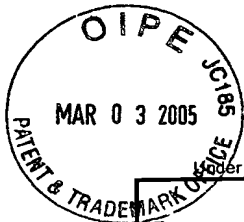
| | |
|--------------------------------|--|
| Firm or Individual Name | FULBRIGHT & JAWORSKI L.L.P. Melissa W. Acosta |
| Signature | |
| Date | March 3, 2005 |

Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910502US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313, on the date shown below.

Dated: March 3, 2005

Signature: Staci V. Harris



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| | | | |
|---|---------------------|--------------------------|------------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). | | Complete if Known | |
| FEE TRANSMITTAL For FY 2005 | | Application Number | 10/047,724 |
| | | Filing Date | January 15, 2002 |
| | | First Named Inventor | Vince Hilser |
| | | Examiner Name | C. D. Ly |
| | | Art Unit | 1631 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | Attorney Docket No. | HO-P02070US1 | |
| TOTAL AMOUNT OF PAYMENT | (\$) 180.00 | | |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: 06-2375 Deposit Account Name: Fulbright & Jaworski L.L.P.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | Fee (\$) | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|----------|--------------|----------|--------------|----------|------------------|----------|----------------|
| | | Small Entity | Fee (\$) | Small Entity | Fee (\$) | Small Entity | Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | | |

2. EXCESS CLAIM FEES

| Fee Description | Small Entity | |
|--|--------------|----------|
| | Fee (\$) | Fee (\$) |
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - = _____ x _____ = _____

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - = _____ x _____ = _____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|---|----------|---------------|
| _____ | _____ | _____ / 50 _____ (round up to a whole number) x _____ | _____ | _____ |

4. OTHER FEE(S)

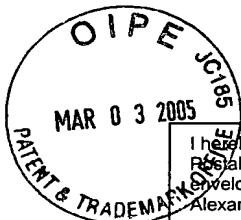
| | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) | |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement | 180.00 |

| | | | |
|---------------------|-------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 45,872 |
| Name (Print/Type) | Melissa W. Acosta | Telephone | (713) 651-5407 |
| | | Date | March 3, 2005 |

Fee Transmittal

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Dated: March 3, 2005

Signature:

Staci Harris
(Staci Harris)

Docket No.: HO-P02070US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Vince Hilser et al.

Application No.: 10/047,724

Confirmation No.: 5156

Filed: January 15, 2002

Art Unit: 1631

For: THERMODYNAMIC PROPENSITIES OF
AMINO ACIDS IN THE NATIVE STATE
ENSEMBLE:IMPLICATIONS FOR FOLD
RECOGNITION

Examiner: C. D. Ly

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

A copy of only those references listed below is attached:

| For. Doc No. | Ctry | Patentee/Applicant | Publication Date |
|--------------|------|-----------------------|--------------------|
| WO 98/54665 | PC | The John Hopkins | December 3, 1998 |
| WO 02/073193 | PC | Board of Regents, The | September 19, 2002 |

| Other Documents |
|---|
| Ferreon, Josephine et al.; The Effect of the polyproline II (PPII) conformation |
| Kim, Hwa-OK et al.; A merger of Rational Drug Design and Combinatorial |
| Lengauer, Thomas et al. Protein structure prediction methods for drug design; |
| Wrabl, James O. et al.; Thermodynamic propensities of amino acids in the |
| |

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. 10001365.

Dated: March 3, 2005

Respectfully submitted,

By 

Melissa W. Acosta

Registration No.: 45,872

FULBRIGHT & JAWORSKI L.L.P.

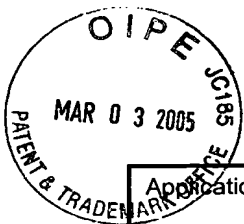
1301 McKinney, Suite 5100

Houston, Texas 77010-3095

(713) 651-5151

(713) 651-5246 (Fax)

Agent for Applicant



Application No. (if known): 10/047,724

Attorney Docket No.: HO-P02070US1

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on March 3, 2005
Date

Signature

Staci Harris

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 651-5273
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)
IDS (Citation) by Applicant
Information Disclosure Statement
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PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/047,724 |
| | | | | Filing Date | January 15, 2002 |
| | | | | First Named Inventor | Vince Hilser |
| | | | | Art Unit | 1631 |
| | | | | Examiner Name | C. D. Ly |
| Sheet | 1 | of | 1 | Attorney Docket Number | HO-P02070US1 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|--|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | AA | US-20030032065-A1 | 02-13-2003 | Hilser et al. | |
| | AB | US-10/096,178 | | Fox, R. et al. | |
| | AC | US-20030088392-A1 | 05-08-2003 | Hilser et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | BA | WO 98/54665 | 12/03/1998 | The John Hopkins University | | |
| | BB | WO 02/073193 A1 | 09/19/2002 | Board of Regents UT System | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | | |
|---------------------------------|-----------------------|--|----------------|--|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | |
| | CA | Ferreon, Josephine et al.; The Effect of the polyproline II (PPII) conformation on the denatured state entropy; Protein Science 2003, 12:447-457. | | |
| | CB | Kim, Hwa-OK et al.; A merger of Rational Drug Design and Combinatorial Chemistry: Development and Application of Peptide Secondary Structure Mimetics; Combinational Chemistry & High Throughput Screening, 2000, Vol. 3, No. 3; 168-183. | | |
| | CC | Lengauer, Thomas et al. Protein structure prediction methods for drug design; Briefings in Bioinformatics; 2000; Vol. I. No. 3. 275-288. | | |
| | CD | Wrabl, James O. et al.; Thermodynamic propensities of amino acids in the native state ensemble: Implications for fold recognition; Protein Science, 2000; 10:1032-1045. | | |

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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|